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211853

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

DATA QUALITY OBJECTIVE

**DOCUMENT CONTROL NO.: START-02-F-01793
CORNELL DUBILIER ELECTRONICS
PROJECT NO.: 2523**

**SAMPLING DATE APRIL 21, 1998
SDG NOs.: CDU-001, CDV-001, CDW-001 & CDX-001**

**REPORTED BY
ROY F. WESTON, INC.**

REVIEWED BY: Zohreh Hamid

**Zohreh Hamid, Ph.D.
Senior Chemist**

6-8-98

Date





CORNELL DUBILIER ELECTRONICS
PROJECT NUMBER: 2523
DCN: START-02-F-01793
SAMPLING DATE 4-21-98

INTRODUCTION

This quality assurance review is based upon a review of all data generated from eighty-eight soil samples, including five sets of field duplicates, and one reagent blank, collected on 04-21-98. The samples were received on 04-22-98 by American Environmental Network (AEN) Laboratory, located in Cary, North Carolina. The samples were grouped in four different batches, and analyzed according to the criteria set forth in SW846 Method 8082, for Poly Chlorinated Biphenyl (PCB) target compounds.

The following soil samples are contained within this report:

CDU-001 through CDU- 020
CDV-001 through CDV- 023
CDW-001 through CDW-022
CDX-001 through CDX- 023

One Rinse Blank (RB-2) was analyzed with SDG number CDX-001.

Seven sets of MS/MSD samples were analyzed on samples CDU-001, CDV-001, CDV-021, CDW-001, CDW-021 CDX-001 & CDX-022 for these samples.

All data have been validated with regard to usability according to USEPA Region II Functional Guidelines and the Quality Control criteria established in the applied Method. If you have any questions or comments on this data review, please call Zohreh Hamid at (610) 269-9989.

QUALITY ASSURANCE REVIEW

The finding offered in this report are based upon a review of the following criteria:

- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Result
- Sample Results
- Data Completeness



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-21-1998

Page 2

HOLDING TIME

All samples were extracted/analyzed within the Region II requirements.

CALIBRATIONS

Aroclor-1016 & Aroclor-1260 was analyzed as continuing calibration. The %Ds were within the control limits of less than 15% in all standards with the exception of %Ds for three calibration standards analyzed on the secondary column (DB1701) on SDG # CDX-001. The recovery met the control limit on the primary column "RTX-35", also; this compound was not detected in the samples. Therefore, the data were not qualified.

BLANK ANALYSIS

The preparation blanks, rinsate blank, and calibration blanks were free of target compounds.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Seven sets of matrix spike/spike duplicate analyses were performed. The recoveries for the spike compound (Ar-1254) in spike samples CDX-001 (63/76) & CDX-022 (88/88) were within the control limits of 8-127%. However, the following recoveries were outside the control limits.

Sample ID	% Recovery	RPD*
CDU-001	619/1317	72%
CDV-001	0.0/0.0	0.0%
CDV-021	140/0.0	200%
CDW-001	0.0/26	200%
CDW-021	0.0/370	200%

* RPD calculated by data reviewer.

The reported results have already been qualified due to the sample background contamination. Therefore, additional qualifier codes were not applied based on these advisory limits.

Nine laboratory control samples (LCSs) were analyzed with these batches. The recoveries were within the 80-120%.



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-21-98

Page 3

SURROGATE RECOVERIES

The surrogate recoveries for TCX and DCB were within the control limits of 60-150% with the exception of the following:

Surrogate Recovery Outliers		
Sample ID	TCX % Recovery	DCB % Recovery
CDU-007	52	
CDV-021MS		183
CDV-022		0.0
CDW-004		188
CDW-005		171
CDW-017		152
CDW-018		161
CDW-019		162
CDW-021		151
CDW-021MSD		156
PB805(W)	42	
RB-2	36	
CDX-005		208
CDX-008	51	
CDX-013		360
CDX-014	57	
CDX-015		265
CDX-017		276
CDX-020	57	
PB802	56	
PB803	50	
PB804	47	
LCS802	51	
LCS803	58	
LCS804	52	

The positive results for the samples with a high surrogate recovery were qualified estimated. However, the non-detected values were accepted unqualified with the exception of sample CDV-022. The non-detected values for this sample were qualified "UJ", since the recovery was 0.0%. The soil sample data corresponds to the soil blanks (all soil samples) were not qualified, because; the recoveries were above 50%. However, the reported data for the rinse blank were qualified estimated due to the surrogate outlier (<50%) in the corresponding blank.



Site ID: Cornell Dubilier Electronics
Sampling Events: 4-21-98

Page 4

DUPLICATE ANALYSIS

Five sets of field duplicate sample analyses were performed for these samples. The RPDs were listed in the following:

Sample IDs	Field Sample Result	Field Dup Results	%RPD
CDU-001/020	3000	13000	153
CDV-001/022	1400	2000	0.4
CDV-021/023	2600	2300	12
CDW-001/022	3800	3600	5
CDX-001/023	690	1600	79

The positive results for samples CDU-001 and CDU-020 were qualified estimated since the RPD exceeded 100%.

STANDARD RECOVERY

All external standard recoveries and retention times in the initial and continuing calibrations were within the control limits on the primary column

SAMPLE RESULTS

The non-detected values for aroclor-1254 in sample CDX-017 and CDX-021 were rejected. It is the validator's opinion that, the applied column was unable to separate the target compounds, since one or two of the multi-peaks in the associate chromatograms was obscured by non-target compound. The laboratory reported the extensive matrix interference prevents identification of aroclor 1254 for these samples.

The review of the sample chromatograms demonstrated a pattern of aroclor-1254 peaks. This compound was not reported for the most samples analyzed under SDG number CDV-001. The reported data were originally qualified estimated with the exception of CDV-002, CDV-003 & CDV-008. The laboratory was contacted. The laboratory recalculated the sample results based on three peaks only. Consequently, several sample results were reported as non-detected values. The data reviewer accepted/reported the recalculated results for samples CDV-001 & CDV-022 only. The results for the other samples remained unchanged. It is the validator's opinion that the original results were more reliable with the applied qualifier codes due to the non-target compound interference.



Cornell Dubilier Electronics
Sampling Events: 4-21-98

Page 5

Due to the sample background contamination, the positive results for samples analyzed under all four SDG numbers were qualified estimated. The results were considered biased high because of the interference of non-target compound peak with one or two peaks in the aroclor-1254 pattern.

The results for aroclor-1254 in samples CDV-006 and CDV-007 were calculated by data reviewer. The results were qualified "J", since they were below the detection limits.

DATA COMPLETENESS

The GPC, sulfuric acid/permanganate and/or florisil clean up was not performed, and the corresponding forms were not included in the data package.

Form X was not included in these data package. Also, the results from the secondary column were not calculated/reported.

Pages 94 & 144 in SDG # CDV-001 were missing from the original data package. The laboratory submitted these pages.

The first page of quantitation report for aroclor 1242C analyzed under SDG # CDX-001 on 4-28-98 @ 22:04 was missing. The laboratory could not find/submit this document.

The data quality was not impacted by lack of the above documents/ information.

SUMMARY

The cooler temperatures were within the control limits. The analysis data packages were not followed the CLP type data package deliverable format. The results from the secondary column were not reported. The data for Aroclor-1254 for most samples were qualified estimated due to the sample background contamination. However, the overall data quality was acceptable, and the reported data were reported with the applied qualifier codes.

- 1. Appendix A- Glossary of Data Qualifier**
- 2. Appendix B- Data Summary Forms**
- 3. Appendix C- Laboratory Results**
- 4. Appendix D - Support Documentation**

Appendix A
Glossary of Data Qualifier



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GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

- U** = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS.
[Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]
- R** = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.
- N** = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

- J** = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
- UJ** = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

- Q** = NO ANALYTICAL RESULT.



Appendix B
Data Summary Forms

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA
 Case No.: 2523
 SDG No.: CDU-001
 Units: ug/kg

Sampling Date: April 21, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil								
Client ID #	CDU -001	CDU - 002	CDU - 003	CDU - 004	CDU - 005	CDU - 006	CDU - 007	CDU - 008	CDU - 009	
Lab ID #	L10448-001	L10448-002	L10448-003	L10448-004	L10448-005	L10448-006	L10448-007	L10448-008	L10448-009	
Percent Moisture	20	19	19	19	19	30	18	21	19	
Dilution Factor	5	2	2	2	5	5	5	5	5	
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	3000 J	1000 J	1000 J	810 J	1700 J	7600 J	7700 J	5700 J	7100 J
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Matrix	Soil	Soil								
Client ID #	CDU - 010	CDU - 011	CDU - 012	CDU - 013	CDU - 014	CDU - 015	CDU - 016	CDU - 017	CDU - 018	
Lab ID #	L10448-010	L10448-011	L10448-012	L10448-013	L10448-014	L10448-015	L10448-016	L10448-017	L10448-018	
Percent Moisture	24	17	20	26	19	17	19	18	17	
Dilution Factor	5	5	5	5	10	5	5	5	5	
PCB	MDL ug/kg									
Aroclor-1016	80	UJ	U	U	U	U	U	U	U	U
Aroclor-1221	80	UJ	U	U	U	U	U	U	U	U
Aroclor-1232	80	UJ	U	U	U	U	U	U	U	U
Aroclor-1242	80	UJ	U	U	U	U	U	U	U	U
Aroclor-1248	80	UJ	U	U	U	U	U	U	U	U
Aroclor-1254	160	8900 J	5000 J	1600 J	5200 J	11000 J	5000 J	6100 J	1600 J	7600 J
Aroclor-1260	160	UJ	U	U	U	U	U	U	U	U

Remark

Polychlorinated Biphenyl (PCB) Analysis Data summary

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA
Case No.: 2523
SDG No.: CDU-001
Units: ug/kg

Sampling Date: April 21, 1998
PM: Michael Mahrkopf
DCN: START-02-F-01793

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDV-001

Units: ug/kg

Sampling Date: April 21, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Client ID #	CDV -001 L10448-021	CDV - 002 L10448-022	CDV - 003 L10448-023	CDV - 004 L10448-024	CDV - 005 L10448-025	CDV - 006 L10448-026	CDV - 007 L10448-027	CDV - 008 L10448-028	CDV - 009 L10448-029	
Lab ID #	14	15	20	18	22	13	12	28	22	
Percent Moisture	5	1	1	1	1	1	1	1	5	
Dilution Factor										
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	1400 J*	U	U	410 J	200 J	150 J	46 J	U	UJ
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Matrix	Soil	Soil								
Client ID #	CDV - 010 L10448-030	CDV - 011 L10448-031	CDV - 012 L10448-032	CDV - 013 L10448-033	CDV - 014 L10448-034	CDV - 015 L10448-035	CDV - 016 L10448-036	CDV - 017 L10448-037	CDV - 018 L10448-038	
Lab ID #	21	12	13	19	22	21	25	22	23	
Percent Moisture	5	5	5	5	1	1	5	1	1	
Dilution Factor										
PCB	MDL ug/kg									
Aroclor-1016	80	U	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U	U
Aroclor-1254	160	UJ	UJ	UJ	UJ	320 J	520 J	UJ	200 J	240 J
Aroclor-1260	160	U	U	U	U	U	U	U	U	U

Remark

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA
 Case No.: 2523
 SDG No.: CDV-001
 Units: ug/kg

Sampling Date: April 21, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil				
Client ID #	CDV - 019	CDV - 020	CDV - 021	CDV - 022	CDV - 023				
Lab ID #	L10448-039	L10448-040	L10448-041	L10448-042	L10448-089				
Percent Moisture	23	24	22	23	23				
Dilution Factor	1	1	5	5	5				
PCB	MDL ug/kg								
Aroclor-1016	80	U	U	U	UJ	U			
Aroclor-1221	80	U	U	U	UJ	U			
Aroclor-1232	80	U	U	U	UJ	U			
Aroclor-1242	80	U	U	U	UJ	U			
Aroclor-1248	80	U	U	U	UJ	U			
Aroclor-1254	160	390 J	570 J	2600 J	2000 J*	2300 J			
Aroclor-1260	160	U	U	U	UJ	U			

Remark

* Three peaks were used to calculate the result

Field Dup.

Field Dup.

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dublier Electronics
Laboratory Name: IEA
Case No.: 2523
SDG No.: CDW-001
Units: ug/kg

Sampling Date: April 21, 1998
PM: Michael Mahnkopf
DCN: START-02-F-01793

Matrix	Soil CDW - 001 L10448-043	Soil CDW - 002 L10448-044	Soil CDW - 003 L10448-045	Soil CDW - 004 L10448-046	Soil CDW - 005 L10448-047	Soil CDW - 006 L10448-048	Soil CDW - 007 L10448-049	Soil CDW - 008 L10448-050	Soil CDW - 009 L10448-051
Percent Moisture	16	11	14	18	22	10	14	18	11
Dilution Factor	5	5	5	5	5	1	1	5	5
PCB	MOL ug/kg								
Aroclor-1016	80	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U
Aroclor-1254	160	3600 J	1100 J	2500 J	4400 J	4000 J	820 J	1100 J	5600 J
Aroclor-1260	160	U	U	U	U	U	U	U	U
Remark									

Matrix	Soil CDW - 010 L10448-052	Soil CDW - 011 L10448-053	Soil CDW - 012 L10448-054	Soil CDW - 013 L10448-055	Soil CDW - 014 L10448-056	Soil CDW - 015 L10448-057	Soil CDW - 016 L10448-058	Soil CDW - 017 L10448-059	Soil CDW - 018 L10448-060
Percent Moisture	18	20	19	19	14	14	20	19	25
Dilution Factor	5	5	5	5	5	5	5	5	5
PCB	MOL ug/kg								
Aroclor-1016	80	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U
Aroclor-1254	160	5600 J	4200 J	3300 J	3800 J	2800 J	3300 J	3800 J	6100 J
Aroclor-1260	160	U	U	U	U	U	U	U	U
Remark									

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dubilier Electronics
Laboratory Name: IEA
Case No.: 2523
SDG No.: CDW-001
Units: ug/kg

Sampling Date: April 21, 1998
PM: Michael Mahnkopf
DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil				
Cleat ID #	CDW - 019	CDW - 020	CDW - 021	CDW - 022				
Lab ID #	L10448-061	L10448-062	L10448-063	L10448-064				
Percent Moisture	22	14	28	14				
Dilution Factor	5	5	5	5				
PCB	MDL ug/kg							
Aroclor-1016	60	M	U	U				
Aroclor-1221	60	M	U	U				
Aroclor-1232	60	M	U	U				
Aroclor-1242	60	M	U	U				
Aroclor-1248	60	M	U	U				
Aroclor-1254	160	11000 J	1900 J	6200 J	3800 J			
Aroclor-1260	160	M	U	U	U			
Remark								

Field Dup

**Polychlorinated Biphenyl (PCB) Analysis
Data summary**

Site ID: Cornell - Dublier Electronics
 Laboratory Name: IEA
 Case No.: 2523
 SDG No.: CDX-001
 Units: ug/kg

Sampling Date: April 21, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil								
Client ID #	CDX -001	CDX - 002	CDX - 003	CDX - 004	CDX - 005	CDX - 006	CDX - 007	CDX - 008	CDX - 009
Lab ID #	L10448-065	L10448-066	L10448-067	L10448-068	L10448-069	L10448-070	L10448-071	L10448-072	L10448-073
Percent Moisture	21	22	23	19	39	24	20	20	22
Dilution Factor	1	1	1	1	5	5	5	5	5
PCB	MDL ug/kg								
Aroclor-1016	80	U	U	U	U	U	U	U	U
Aroclor-1221	80	U	U	U	U	U	U	U	U
Aroclor-1232	80	U	U	U	U	U	U	U	U
Aroclor-1242	80	U	U	U	U	U	U	U	U
Aroclor-1248	80	U	U	U	U	U	U	U	U
Aroclor-1254	160	690 J	UJ	1400 J	1000 J	5100 J	1600 J	1400 J	2200 J
Aroclor-1260	160	U	U	U	U	U	U	U	1400 J

Remark

Matrix	Soil	Soil							
Client ID #	CDX - 010	CDX - 011	CDX - 012	CDX - 013	CDX - 014	CDX - 015	CDX - 016	CDX - 017	Soil
Lab ID #	L10448-074	L10448-075	L10448-076	L10448-077	L10448-078	L10448-079	L10448-080	L10448-081	CDX - 018
Percent Moisture	24	26	28	23	20	25	21	19	5
Dilution Factor	5	1	1	5	5	5	1	5	1
PCB	MDL ug/kg								
Aroclor-1016	80	UJ	U	U	U	U	U	U	U
Aroclor-1221	80	UJ	U	U	U	U	U	U	U
Aroclor-1232	80	UJ	U	U	U	U	U	U	U
Aroclor-1242	80	UJ	U	U	U	U	U	U	U
Aroclor-1248	80	UJ	U	U	U	U	U	U	U
Aroclor-1254	160	1700 J	1200 J	900 J	1200 J	1300 J	2700 J	470 J	R
Aroclor-1260	160	U	U	U	U	U	U	U	730 J

Remark

Polychlorinated Biphenyl (PCB) Analysis
Data summary

Site ID: Cornell - Dubilier Electronics
 Laboratory Name: IEA
 Case No.: 2523
 SDG No.: CDX-001
 Units: ug/kg

Sampling Date: April 21, 1998
 PM: Michael Mahnkopf
 DCN: START-02-F-01793

Matrix	Soil	Soil	Soil	Soil	Soil				
Client ID #	CDX - 019	CDX - 020	CDX - 021	CDX - 022	CDX - 023				
Lab ID #	L10448-083	L10448-084	L10448-085	L10448-086	L10448-087				
Percent Moisture	8	18	13	22	23				
Dilution Factor	1	1	5	1	1				
PCB	MDL ug/kg								
Aroclor-1016	80	UJ	U	U	U	U			
Aroclor-1221	80	UJ	U	U	U	U			
Aroclor-1232	80	UJ	U	U	U	U			
Aroclor-1242	80	UJ	U	U	U	U			
Aroclor-1248	80	UJ	U	U	U	U			
Aroclor-1254	160	420 J	350 J	R	830 J	1600 J			
Aroclor-1260	160	U	U	U	U	U			

Remark

Fields Dup

Polychlorinated Biphenyl (PCB) Analysis Data summary

Site ID: Cornell - Dubilier Electronics

Laboratory Name: IEA

Case No.: 2523

SDG No.: CDX-001

Units: ug/l

Matrix

Sampling Date: April 21, 1998

PM: Michael Mahnkopf

DCN: START-02-F-01793

Appendix C
Laboratory Reported Result

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDU-001

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-001

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_023.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	500	U	
11104-28-2-----	Aroclor-1221	500	U	
11141-16-5-----	Aroclor-1232	500	U	
53469-21-9-----	Aroclor-1242	500	U	
12672-29-6-----	Aroclor-1248	500	U	
11097-69-1-----	Aroclor-1254	3000	U	J
11096-82-5-----	Aroclor-1260	1000	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-002

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042898_008.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016		200	U
11104-28-2-----	Aroclor-1221		200	U
11141-16-5-----	Aroclor-1232		200	U
53469-21-9-----	Aroclor-1242		200	U
12672-29-6-----	Aroclor-1248		200	U
11097-69-1-----	Aroclor-1254		1000	
11096-82-5-----	Aroclor-1260		400	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_009.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	200	U	
11104-28-2-----	Aroclor-1221	200	U	
11141-16-5-----	Aroclor-1232	200	U	
53469-21-9-----	Aroclor-1242	200	U	
12672-29-6-----	Aroclor-1248	200	U	
11097-69-1-----	Aroclor-1254	1000		J
11096-82-5-----	Aroclor-1260	400	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-004

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-004

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_010.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	200	U	
11104-28-2-----	Aroclor-1221	200	U	
11141-16-5-----	Aroclor-1232	200	U	
53469-21-9-----	Aroclor-1242	200	U	
12672-29-6-----	Aroclor-1248	200	U	
11097-69-1-----	Aroclor-1254	810	—	J
11096-82-5-----	Aroclor-1260	400	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-005

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_027.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	490	U
11104-28-2-----	Aroclor-1221	490	U
11141-16-5-----	Aroclor-1232	490	U
53469-21-9-----	Aroclor-1242	490	U
12672-29-6-----	Aroclor-1248	490	U
11097-69-1-----	Aroclor-1254	1700	
11096-82-5-----	Aroclor-1260	980	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-006

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_028.D

% Moisture: 30 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	570	U	
11104-28-2-----	Aroclor-1221	570	U	
11141-16-5-----	Aroclor-1232	570	U	
53469-21-9-----	Aroclor-1242	570	U	
12672-29-6-----	Aroclor-1248	570	U	
11097-69-1-----	Aroclor-1254	7600		J
11096-82-5-----	Aroclor-1260	1100	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-007

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_031.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	7700		J
11096-82-5-----	Aroclor-1260	970	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-008

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042498_032.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	500	U	
11104-28-2-----	Aroclor-1221	500	U	
11141-16-5-----	Aroclor-1232	500	U	
53469-21-9-----	Aroclor-1242	500	U	
12672-29-6-----	Aroclor-1248	500	U	
11097-69-1-----	Aroclor-1254	5700		
11096-82-5-----	Aroclor-1260	1000	U	J

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-009

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-009

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_033.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	7100		J
11096-82-5-----	Aroclor-1260	980	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-010

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_034.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor-1016	520	U	
11104-28-2-----	Aroclor-1221	520	U	
11141-16-5-----	Aroclor-1232	520	U	
53469-21-9-----	Aroclor-1242	520	U	
12672-29-6-----	Aroclor-1248	520	U	
11097-69-1-----	Aroclor-1254	8900		
11096-82-5-----	Aroclor-1260	1000	U	J

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-011

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042498_035.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	480	U
11104-28-2-----	Aroclor-1221	480	U
11141-16-5-----	Aroclor-1232	480	U
53469-21-9-----	Aroclor-1242	480	U
12672-29-6-----	Aroclor-1248	480	U
11097-69-1-----	Aroclor-1254	5000	—
11096-82-5-----	Aroclor-1260	960	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-012

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-012

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PB042498_036.D

% Moisture: 20 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/24/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	500	U
11104-28-2-----	Aroclor-1221	500	U
11141-16-5-----	Aroclor-1232	500	U
53469-21-9-----	Aroclor-1242	500	U
12672-29-6-----	Aroclor-1248	500	U
11097-69-1-----	Aroclor-1254	1600	U
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-013

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_037.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	540	U
11104-28-2-----	Aroclor-1221	540	U
11141-16-5-----	Aroclor-1232	540	U
53469-21-9-----	Aroclor-1242	540	U
12672-29-6-----	Aroclor-1248	540	U
11097-69-1-----	Aroclor-1254	5200	
11096-82-5-----	Aroclor-1260	1100	U J

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-014

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_011.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	990	U
11104-28-2-----	Aroclor-1221	990	U
11141-16-5-----	Aroclor-1232	990	U
53469-21-9-----	Aroclor-1242	990	U
12672-29-6-----	Aroclor-1248	990	U
11097-69-1-----	Aroclor-1254	11000	J
11096-82-5-----	Aroclor-1260	2000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-015

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042498_039.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	480	U	
11104-28-2-----	Aroclor-1221	480	U	
11141-16-5-----	Aroclor-1232	480	U	
53469-21-9-----	Aroclor-1242	480	U	
12672-29-6-----	Aroclor-1248	480	U	
11097-69-1-----	Aroclor-1254	5000		J
11096-82-5-----	Aroclor-1260	960	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-016

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042498_040.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	490	U
11104-28-2-----	Aroclor-1221	490	U
11141-16-5-----	Aroclor-1232	490	U
53469-21-9-----	Aroclor-1242	490	U
12672-29-6-----	Aroclor-1248	490	U
11097-69-1-----	Aroclor-1254	6100	
11096-82-5-----	Aroclor-1260	980	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-017

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042598_002.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016		480	U
11104-28-2-----	Aroclor-1221		480	U
11141-16-5-----	Aroclor-1232		480	U
53469-21-9-----	Aroclor-1242		480	U
12672-29-6-----	Aroclor-1248		480	U
11097-69-1-----	Aroclor-1254		1600	
11096-82-5-----	Aroclor-1260		970	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-018

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042598_003.D

% Moisture: 17 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	480	U
11104-28-2-----	Aroclor-1221	480	U
11141-16-5-----	Aroclor-1232	480	U
53469-21-9-----	Aroclor-1242	480	U
12672-29-6-----	Aroclor-1248	480	U
11097-69-1-----	Aroclor-1254	7600	
11096-82-5-----	Aroclor-1260	960	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-019

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB042598_004.D

% Moisture: 23 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/24/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	520	U	
11104-28-2-----	Aroclor-1221	520	U	
11141-16-5-----	Aroclor-1232	520	U	
53469-21-9-----	Aroclor-1242	520	U	
12672-29-6-----	Aroclor-1248	520	U	
11097-69-1-----	Aroclor-1254	5300		J
11096-82-5-----	Aroclor-1260	1000	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDU-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-020

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_008.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	970	U
11104-28-2-----	Aroclor-1221	970	U
11141-16-5-----	Aroclor-1232	970	U
53469-21-9-----	Aroclor-1242	970	U
12672-29-6-----	Aroclor-1248	970	U
11097-69-1-----	Aroclor-1254	13000	
11096-82-5-----	Aroclor-1260	1900	U

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CLIENT SAMPLE NO.

CDV-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-021

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042598_010.D

% Moisture: 14 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/24/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	460	U
11104-28-2-----	Aroclor-1221	460	U
11141-16-5-----	Aroclor-1232	460	U
53469-21-9-----	Aroclor-1242	460	U
12672-29-6-----	Aroclor-1248	460	U
11097-69-1-----	Aroclor-1254	930	U
11096-82-5-----	Aroclor-1260	930	U

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CLIENT SAMPLE NO.

CDV-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-022

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042798_009.D

% Moisture: 15 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	94	U	
11104-28-2-----	Aroclor-1221	94	U	
11141-16-5-----	Aroclor-1232	94	U	
53469-21-9-----	Aroclor-1242	94	U	
12672-29-6-----	Aroclor-1248	94	U	
11097-69-1-----	Aroclor-1254	190	U	
11096-82-5-----	Aroclor-1260	190	U	

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CLIENT SAMPLE NO.

CDV-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-023

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_010.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016		100	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		100	U
53469-21-9-----	Aroclor-1242		100	U
12672-29-6-----	Aroclor-1248		100	U
11097-69-1-----	Aroclor-1254		200	U
11096-82-5-----	Aroclor-1260		200	U

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CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDV-004

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-024

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_011.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016		97	U
11104-28-2-----	Aroclor-1221		97	U
11141-16-5-----	Aroclor-1232		97	U
53469-21-9-----	Aroclor-1242		97	U
12672-29-6-----	Aroclor-1248		97	U
11097-69-1-----	Aroclor-1254	410		J
11096-82-5-----	Aroclor-1260	190		U

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CLIENT SAMPLE NO.

CDV-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-025

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_012.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	200		
11096-82-5-----	Aroclor-1260	200	U	J

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CLIENT SAMPLE NO.

CDV-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-026

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_013.D

% Moisture: 13 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	92	U	
11104-28-2-----	Aroclor-1221	92	U	
11141-16-5-----	Aroclor-1232	92	U	
53469-21-9-----	Aroclor-1242	92	U	
12672-29-6-----	Aroclor-1248	92	U	
11097-69-1-----	Aroclor-1254	150J	180	*
11096-82-5-----	Aroclor-1260	180		U

** calculated by vol. factor*

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CLIENT SAMPLE NO.

CDV-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-027

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042798_014.D

% Moisture: 12 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	91	U	
11104-28-2-----	Aroclor-1221	91	U	
11141-16-5-----	Aroclor-1232	91	U	
53469-21-9-----	Aroclor-1242	91	U	
12672-29-6-----	Aroclor-1248	91	U	
11097-69-1-----	Aroclor-1254	46 J*	180	U
11096-82-5-----	Aroclor-1260	180		

Calculated by validator

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-028

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_015.D

% Moisture: 28 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	110	U	
11104-28-2-----	Aroclor-1221	110	U	
11141-16-5-----	Aroclor-1232	110	U	
53469-21-9-----	Aroclor-1242	110	U	
12672-29-6-----	Aroclor-1248	110	U	
11097-69-1-----	Aroclor-1254	220	U	
11096-82-5-----	Aroclor-1260	220	U	

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CLIENT SAMPLE NO.

CDV-009

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-029

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042598_025.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510	U	
11104-28-2-----	Aroclor-1221	510	U	
11141-16-5-----	Aroclor-1232	510	U	
53469-21-9-----	Aroclor-1242	510	U	
12672-29-6-----	Aroclor-1248	510	U	
11097-69-1-----	Aroclor-1254	1000	U	vJ
11096-82-5-----	Aroclor-1260	1000	U	

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CLIENT SAMPLE NO.

CDV-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-030

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042598_026.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510	U	
11104-28-2-----	Aroclor-1221	510	U	
11141-16-5-----	Aroclor-1232	510	U	
53469-21-9-----	Aroclor-1242	510	U	
12672-29-6-----	Aroclor-1248	510	U	
11097-69-1-----	Aroclor-1254	1000	U	
11096-82-5-----	Aroclor-1260	1000	U	vJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-031

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042598_027.D

% Moisture: 12 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	450	U	
11104-28-2-----	Aroclor-1221	450	U	
11141-16-5-----	Aroclor-1232	450	U	
53469-21-9-----	Aroclor-1242	450	U	
12672-29-6-----	Aroclor-1248	450	U	
11097-69-1-----	Aroclor-1254	910	U	
11096-82-5-----	Aroclor-1260	910	U	UJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-012

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-032

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042598_028.D

% Moisture: 13 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016		460	U
11104-28-2-----	Aroclor-1221		460	U
11141-16-5-----	Aroclor-1232		460	U
53469-21-9-----	Aroclor-1242		460	U
12672-29-6-----	Aroclor-1248		460	U
11097-69-1-----	Aroclor-1254		910	U
11096-82-5-----	Aroclor-1260		910	U

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CLIENT SAMPLE NO.

CDV-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-033

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042598_031.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	980	U	
11096-82-5-----	Aroclor-1260	980	U	vJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-034

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_016.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	320	
11096-82-5-----	Aroclor-1260	200	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-035

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042798_017.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	520		J
11096-82-5-----	Aroclor-1260	200	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-036

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042598_034.D

% Moisture: 25 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/25/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	530	U	
11104-28-2-----	Aroclor-1221	530	U	
11141-16-5-----	Aroclor-1232	530	U	
53469-21-9-----	Aroclor-1242	530	U	
12672-29-6-----	Aroclor-1248	530	U	
11097-69-1-----	Aroclor-1254	1100	U	
11096-82-5-----	Aroclor-1260	1100	U	UJ

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-037

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_020.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	200	U	J
11096-82-5-----	Aroclor-1260	200	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-038

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_021.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	240		
11096-82-5-----	Aroclor-1260	210	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-039

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042798_022.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	390		
11096-82-5-----	Aroclor-1260	210	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-040

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042798_023.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/22/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/27/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016		100	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		100	U
53469-21-9-----	Aroclor-1242		100	U
12672-29-6-----	Aroclor-1248		100	U
11097-69-1-----	Aroclor-1254		570	
11096-82-5-----	Aroclor-1260		210	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-021

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-041

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042798_028.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	510	U
11104-28-2-----	Aroclor-1221	510	U
11141-16-5-----	Aroclor-1232	510	U
53469-21-9-----	Aroclor-1242	510	U
12672-29-6-----	Aroclor-1248	510	U
11097-69-1-----	Aroclor-1254	2600	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-022

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-042

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042798_029.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	520	U	UJ
11104-28-2-----	Aroclor-1221	520	U	
11141-16-5-----	Aroclor-1232	520	U	
53469-21-9-----	Aroclor-1242	520	U	
12672-29-6-----	Aroclor-1248	520	U	
11097-69-1-----	Aroclor-1254	2000	1000	U
11096-82-5-----	Aroclor-1260	1000	U	

All non-detects were ujd due to 0.0% surrogate recovery

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDV-023

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-089

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB042898_025.D

% Moisture: 23 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/29/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
12674-11-2-----	Aroclor-1016	520	U	
11104-28-2-----	Aroclor-1221	520	U	
11141-16-5-----	Aroclor-1232	520	U	
53469-21-9-----	Aroclor-1242	520	U	
12672-29-6-----	Aroclor-1248	520	U	
11097-69-1-----	Aroclor-1254	2300		
11096-82-5-----	Aroclor-1260	1000		J

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-043

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042798_034.D

% Moisture: 16 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	470	U	
11104-28-2-----	Aroclor-1221	470	U	
11141-16-5-----	Aroclor-1232	470	U	
53469-21-9-----	Aroclor-1242	470	U	
12672-29-6-----	Aroclor-1248	470	U	
11097-69-1-----	Aroclor-1254	3800		J
11096-82-5-----	Aroclor-1260	950	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDW-001MS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001
Matrix: (soil/water) SOIL Lab Sample ID: L10448-043MS
Sample wt/vol: 30.2 (g/mL) G Lab File ID: PB042798_032.D
% Moisture: 16 decanted: (Y/N) N Date Received: 04/22/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98
Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98
Injection Volume: 1.0(uL) Dilution Factor: 5.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	470	U	
11104-28-2-----	Aroclor-1221	470	U	
11141-16-5-----	Aroclor-1232	470	U	
53469-21-9-----	Aroclor-1242	470	U	
12672-29-6-----	Aroclor-1248	470	U	
11097-69-1-----	Aroclor-1254	3800		J
11096-82-5-----	Aroclor-1260	950	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-001MSD

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-043MSD

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB042798_033.D

% Moisture: 16 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	470	U	
11104-28-2-----	Aroclor-1221	470	U	
11141-16-5-----	Aroclor-1232	470	U	
53469-21-9-----	Aroclor-1242	470	U	
12672-29-6-----	Aroclor-1248	470	U	
11097-69-1-----	Aroclor-1254	3900		
11096-82-5-----	Aroclor-1260	950	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-044

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB042798_035.D

% Moisture: 11 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	450	U
11104-28-2-----	Aroclor-1221	450	U
11141-16-5-----	Aroclor-1232	450	U
53469-21-9-----	Aroclor-1242	450	U
12672-29-6-----	Aroclor-1248	450	U
11097-69-1-----	Aroclor-1254	1100	U
11096-82-5-----	Aroclor-1260	900	U

SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CDW-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-045

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_036.D

% Moisture: 14 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	460	U	
11104-28-2-----	Aroclor-1221	460	U	
11141-16-5-----	Aroclor-1232	460	U	
53469-21-9-----	Aroclor-1242	460	U	
12672-29-6-----	Aroclor-1248	460	U	
11097-69-1-----	Aroclor-1254	2500		J
11096-82-5-----	Aroclor-1260	930	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-004

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-046

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_037.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	4400		J
11096-82-5-----	Aroclor-1260	970	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-047

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042798_038.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510	U	
11104-28-2-----	Aroclor-1221	510	U	
11141-16-5-----	Aroclor-1232	510	U	
53469-21-9-----	Aroclor-1242	510	U	
12672-29-6-----	Aroclor-1248	510	U	
11097-69-1-----	Aroclor-1254	4000		J
11096-82-5-----	Aroclor-1260	1000	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-048

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_012.D

% Moisture: 10 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	88	U	
11104-28-2-----	Aroclor-1221	88	U	
11141-16-5-----	Aroclor-1232	88	U	
53469-21-9-----	Aroclor-1242	88	U	
12672-29-6-----	Aroclor-1248	88	U	
11097-69-1-----	Aroclor-1254	820	—	J
11096-82-5-----	Aroclor-1260	180	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-049

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB042898_013.D

% Moisture: 14 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	92	U	
11104-28-2-----	Aroclor-1221	92	U	
11141-16-5-----	Aroclor-1232	92	U	
53469-21-9-----	Aroclor-1242	92	U	
12672-29-6-----	Aroclor-1248	92	U	
11097-69-1-----	Aroclor-1254	1100		J
11096-82-5-----	Aroclor-1260	180	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-050

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB042798_041.D

% Moisture: 19 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	490	U
11104-28-2-----	Aroclor-1221	490	U
11141-16-5-----	Aroclor-1232	490	U
53469-21-9-----	Aroclor-1242	490	U
12672-29-6-----	Aroclor-1248	490	U
11097-69-1-----	Aroclor-1254	5500	U
11096-82-5-----	Aroclor-1260	980	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-009

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-051

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PB042898_014.D

% Moisture: 11 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	450	U	
11104-28-2-----	Aroclor-1221	450	U	
11141-16-5-----	Aroclor-1232	450	U	
53469-21-9-----	Aroclor-1242	450	U	
12672-29-6-----	Aroclor-1248	450	U	
11097-69-1-----	Aroclor-1254	3900		
11096-82-5-----	Aroclor-1260	900	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-052

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_015.D

% Moisture: 16 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/28/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
		UG/KG	Q	
12674-11-2-----	Aroclor-1016	480	U	
11104-28-2-----	Aroclor-1221	480	U	
11141-16-5-----	Aroclor-1232	480	U	
53469-21-9-----	Aroclor-1242	480	U	
12672-29-6-----	Aroclor-1248	480	U	
11097-69-1-----	Aroclor-1254	5800		J
11096-82-5-----	Aroclor-1260	950	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-053

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: PB042898_016.D

% Moisture: 20 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	500	U	
11104-28-2-----	Aroclor-1221	500	U	
11141-16-5-----	Aroclor-1232	500	U	
53469-21-9-----	Aroclor-1242	500	U	
12672-29-6-----	Aroclor-1248	500	U	
11097-69-1-----	Aroclor-1254	4200		J
11096-82-5-----	Aroclor-1260	990	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-012

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-054

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB042898_017.D

% Moisture: 19 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/28/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	3300		J
11096-82-5-----	Aroclor-1260	980	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-055

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_020.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490		U
11104-28-2-----	Aroclor-1221	490		U
11141-16-5-----	Aroclor-1232	490		U
53469-21-9-----	Aroclor-1242	490		U
12672-29-6-----	Aroclor-1248	490		U
11097-69-1-----	Aroclor-1254	3900		J
11096-82-5-----	Aroclor-1260	990		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-014

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-056
Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042898_020.D
% Moisture: 14 decanted: (Y/N) N Date Received: 04/22/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98
Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98
Injection Volume: 1.0(uL) Dilution Factor: 5.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	460	U	
11104-28-2-----	Aroclor-1221	460	U	
11141-16-5-----	Aroclor-1232	460	U	
53469-21-9-----	Aroclor-1242	460	U	
12672-29-6-----	Aroclor-1248	460	U	
11097-69-1-----	Aroclor-1254	2900		J
11096-82-5-----	Aroclor-1260	930	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-057

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB042898_020.D

% Moisture: 14 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/29/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	460	U
11104-28-2-----	Aroclor-1221	460	U
11141-16-5-----	Aroclor-1232	460	U
53469-21-9-----	Aroclor-1242	460	U
12672-29-6-----	Aroclor-1248	460	U
11097-69-1-----	Aroclor-1254	3300	U
11096-82-5-----	Aroclor-1260	930	U

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3 100

3/90

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-058

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: PB042898_020.D

% Moisture: 20 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 04/29/98

Injection Volume: 1.0(uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	500	U
11104-28-2-----	Aroclor-1221	500	U
11141-16-5-----	Aroclor-1232	500	U
53469-21-9-----	Aroclor-1242	500	U
12672-29-6-----	Aroclor-1248	500	U
11097-69-1-----	Aroclor-1254	3600	J
11096-82-5-----	Aroclor-1260	1000	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-059

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_029.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	490	U	
11104-28-2-----	Aroclor-1221	490	U	
11141-16-5-----	Aroclor-1232	490	U	
53469-21-9-----	Aroclor-1242	490	U	
12672-29-6-----	Aroclor-1248	490	U	
11097-69-1-----	Aroclor-1254	6100		J
11096-82-5-----	Aroclor-1260	990	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-060

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_032.D

% Moisture: 25 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016		530	U
11104-28-2-----	Aroclor-1221		530	U
11141-16-5-----	Aroclor-1232		530	U
53469-21-9-----	Aroclor-1242		530	U
12672-29-6-----	Aroclor-1248		530	U
11097-69-1-----	Aroclor-1254	8300		J
11096-82-5-----	Aroclor-1260	1100		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-061

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_033.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016		510	U
11104-28-2-----	Aroclor-1221		510	U
11141-16-5-----	Aroclor-1232		510	U
53469-21-9-----	Aroclor-1242		510	U
12672-29-6-----	Aroclor-1248		510	U
11097-69-1-----	Aroclor-1254		11000	
11096-82-5-----	Aroclor-1260		1000	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-062

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042898_034.D

% Moisture: 14 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	460	U	
11104-28-2-----	Aroclor-1221	460	U	
11141-16-5-----	Aroclor-1232	460	U	
53469-21-9-----	Aroclor-1242	460	U	
12672-29-6-----	Aroclor-1248	460	U	
11097-69-1-----	Aroclor-1254	1900		J
11096-82-5-----	Aroclor-1260	930	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-021

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-063

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PB042898_035.D

% Moisture: 28 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	550	U	
11104-28-2-----	Aroclor-1221	550	U	
11141-16-5-----	Aroclor-1232	550	U	
53469-21-9-----	Aroclor-1242	550	U	
12672-29-6-----	Aroclor-1248	550	U	
11097-69-1-----	Aroclor-1254	6200		J
11096-82-5-----	Aroclor-1260	1100	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDW-022

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-064

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PB042898_038.D

% Moisture: 14 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016	460	U	
11104-28-2-----	Aroclor-1221	460	U	
11141-16-5-----	Aroclor-1232	460	U	
53469-21-9-----	Aroclor-1242	460	U	
12672-29-6-----	Aroclor-1248	460	U	
11097-69-1-----	Aroclor-1254	3600		J
11096-82-5-----	Aroclor-1260	930	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-001

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-065

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA042898_018.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	690	
11096-82-5-----	Aroclor-1260	200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-002

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-066

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050198_009.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016		100	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		100	U
53469-21-9-----	Aroclor-1242		100	U
12672-29-6-----	Aroclor-1248		100	U
11097-69-1-----	Aroclor-1254		200	U
11096-82-5-----	Aroclor-1260		200	U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-003

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-067

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PA050198_010.D

% Moisture: 23 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/01/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	1400		J
11096-82-5-----	Aroclor-1260	210	U	

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-004

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-068

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050198_011.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	98		U
11104-28-2-----	Aroclor-1221	98		U
11141-16-5-----	Aroclor-1232	98		U
53469-21-9-----	Aroclor-1242	98		U
12672-29-6-----	Aroclor-1248	98		U
11097-69-1-----	Aroclor-1254	1000		
11096-82-5-----	Aroclor-1260	200		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-005

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-069

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_025.D

% Moisture: 39 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	650		U
11104-28-2-----	Aroclor-1221	650		U
11141-16-5-----	Aroclor-1232	650		U
53469-21-9-----	Aroclor-1242	650		U
12672-29-6-----	Aroclor-1248	650		U
11097-69-1-----	Aroclor-1254	5100		
11096-82-5-----	Aroclor-1260	1300		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-006

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-070

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_026.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	520		U
11104-28-2-----	Aroclor-1221	520		U
11141-16-5-----	Aroclor-1232	520		U
53469-21-9-----	Aroclor-1242	520		U
12672-29-6-----	Aroclor-1248	520		U
11097-69-1-----	Aroclor-1254	1600		
11096-82-5-----	Aroclor-1260	1000		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-007

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-071

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_027.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	500		U
11104-28-2-----	Aroclor-1221	500		U
11141-16-5-----	Aroclor-1232	500		U
53469-21-9-----	Aroclor-1242	500		U
12672-29-6-----	Aroclor-1248	500		U
11097-69-1-----	Aroclor-1254	1400		
11096-82-5-----	Aroclor-1260	1000		U

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SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-008

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-072

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_028.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	500	U	
11104-28-2-----	Aroclor-1221	500	U	
11141-16-5-----	Aroclor-1232	500	U	
53469-21-9-----	Aroclor-1242	500	U	
12672-29-6-----	Aroclor-1248	500	U	
11097-69-1-----	Aroclor-1254	2200		
11096-82-5-----	Aroclor-1260	1000	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-009

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-073

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA042898_029.D

% Moisture: 22 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	510	U	
11104-28-2-----	Aroclor-1221	510	U	
11141-16-5-----	Aroclor-1232	510	U	
53469-21-9-----	Aroclor-1242	510	U	
12672-29-6-----	Aroclor-1248	510	U	
11097-69-1-----	Aroclor-1254	1400		
11096-82-5-----	Aroclor-1260	1000	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-010

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-074

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_030.D

% Moisture: 24 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	520	U
11104-28-2-----	Aroclor-1221	520	U
11141-16-5-----	Aroclor-1232	520	U
53469-21-9-----	Aroclor-1242	520	U
12672-29-6-----	Aroclor-1248	520	U
11097-69-1-----	Aroclor-1254	1700	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-011

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-075

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050198_012.D

% Moisture: 26 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016		110	U
11104-28-2-----	Aroclor-1221		110	U
11141-16-5-----	Aroclor-1232		110	U
53469-21-9-----	Aroclor-1242		110	U
12672-29-6-----	Aroclor-1248		110	U
11097-69-1-----	Aroclor-1254		1200	
11096-82-5-----	Aroclor-1260		210	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-012

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-076

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050198_013.D

% Moisture: 28 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	110	U
11104-28-2-----	Aroclor-1221	110	U
11141-16-5-----	Aroclor-1232	110	U
53469-21-9-----	Aroclor-1242	110	U
12672-29-6-----	Aroclor-1248	110	U
11097-69-1-----	Aroclor-1254	900	
11096-82-5-----	Aroclor-1260	220	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-013

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-077

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA042898_036.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016		520	U
11104-28-2-----Aroclor-1221		520	U
11141-16-5-----Aroclor-1232		520	U
53469-21-9-----Aroclor-1242		520	U
12672-29-6-----Aroclor-1248		520	U
11097-69-1-----Aroclor-1254		1200	
11096-82-5-----Aroclor-1260		1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

CDX-014

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-078

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_037.D

% Moisture: 20 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG Q
12674-11-2-----	Aroclor-1016	500	U
11104-28-2-----	Aroclor-1221	500	U
11141-16-5-----	Aroclor-1232	500	U
53469-21-9-----	Aroclor-1242	500	U
12672-29-6-----	Aroclor-1248	500	U
11097-69-1-----	Aroclor-1254	1300	
11096-82-5-----	Aroclor-1260	1000	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-015

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-079

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_038.D

% Moisture: 25 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q	
		UG/KG	Q
12674-11-2-----	Aroclor-1016	530	U
11104-28-2-----	Aroclor-1221	530	U
11141-16-5-----	Aroclor-1232	530	U
53469-21-9-----	Aroclor-1242	530	U
12672-29-6-----	Aroclor-1248	530	U
11097-69-1-----	Aroclor-1254	2700	
11096-82-5-----	Aroclor-1260	1100	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-016

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-080

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050198_014.D

% Moisture: 21 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	100	U
11104-28-2-----	Aroclor-1221	100	U
11141-16-5-----	Aroclor-1232	100	U
53469-21-9-----	Aroclor-1242	100	U
12672-29-6-----	Aroclor-1248	100	U
11097-69-1-----	Aroclor-1254	470	
11096-82-5-----	Aroclor-1260	200	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-017

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-081

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA042898_040.D

% Moisture: 19 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	490	U
11104-28-2-----	Aroclor-1221	490	U
11141-16-5-----	Aroclor-1232	490	U
53469-21-9-----	Aroclor-1242	490	U
12672-29-6-----	Aroclor-1248	490	U
11097-69-1-----	Aroclor-1254	980	U
11096-82-5-----	Aroclor-1260	980	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-018

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-082

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PA050198_015.D

% Moisture: 5 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Aroclor-1016	84	U
11104-28-2-----	Aroclor-1221	84	U
11141-16-5-----	Aroclor-1232	84	U
53469-21-9-----	Aroclor-1242	84	U
12672-29-6-----	Aroclor-1248	84	U
11097-69-1-----	Aroclor-1254	730	
11096-82-5-----	Aroclor-1260	170	U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-019

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-083

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PA050198_016.D

% Moisture: 8 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	87	U	
11104-28-2-----	Aroclor-1221	87	U	
11141-16-5-----	Aroclor-1232	87	U	
53469-21-9-----	Aroclor-1242	87	U	
12672-29-6-----	Aroclor-1248	87	U	
11097-69-1-----	Aroclor-1254	420		J
11096-82-5-----	Aroclor-1260	170	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-020

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-084

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050198_017.D

% Moisture: 18 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/01/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	97		U
11104-28-2-----	Aroclor-1221	97		U
11141-16-5-----	Aroclor-1232	97		U
53469-21-9-----	Aroclor-1242	97		U
12672-29-6-----	Aroclor-1248	97		U
11097-69-1-----	Aroclor-1254	350		J
11096-82-5-----	Aroclor-1260	190		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-021

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-085

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PA042898_044.D

% Moisture: 13 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
12674-11-2-----	Aroclor-1016	460		U
11104-28-2-----	Aroclor-1221	460		U
11141-16-5-----	Aroclor-1232	460		U
53469-21-9-----	Aroclor-1242	460		U
12672-29-6-----	Aroclor-1248	460		U
11097-69-1-----	Aroclor-1254	920		U
11096-82-5-----	Aroclor-1260	920		U

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-022

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL

Lab Sample ID: L10448-086

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: PA050198_018.D

% Moisture: 22 decanted: (Y/N) N

Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL)

Date Analyzed: 05/01/98

Injection Volume: 1.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND			
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	830		J
11096-82-5-----	Aroclor-1260	200	U	

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

CDX-023

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) SOIL Lab Sample ID: L10448-087

Sample wt/vol: 30.2 (g/mL) G Lab File ID: PA050198_023.D

% Moisture: 23 decanted: (Y/N) N Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 05/02/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Q		
12674-11-2-----	Aroclor-1016	100	U	
11104-28-2-----	Aroclor-1221	100	U	
11141-16-5-----	Aroclor-1232	100	U	
53469-21-9-----	Aroclor-1242	100	U	
12672-29-6-----	Aroclor-1248	100	U	
11097-69-1-----	Aroclor-1254	1600		
11096-82-5-----	Aroclor-1260	210	U	J

1D
SW-846 PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

RB-2

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix: (soil/water) WATER Lab Sample ID: L10448-088

Sample wt/vol: 1000 (g/mL) ML Lab File ID: PA042898_051.D

% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/22/98

Extraction: (SepF/Cont/Sonc) SEP F Date Extracted: 04/23/98

Concentrated Extract Volume: 10000(uL) Date Analyzed: 04/29/98

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q		
		0.50	U	U
12674-11-2-----	Aroclor-1016	0.50	U	U
11104-28-2-----	Aroclor-1221	0.50	U	U
11141-16-5-----	Aroclor-1232	0.50	U	U
53469-21-9-----	Aroclor-1242	0.50	U	U
12672-29-6-----	Aroclor-1248	0.50	U	U
11097-69-1-----	Aroclor-1254	1.0	U	U
11096-82-5-----	Aroclor-1260	1.0	U	U

Appendix D

Support Documentation

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDU-001	85	110	0
02	CDU-001MS	87	124	0
03	CDU-001MSD	79	112	0
04	CDU-002	86	108	0
05	CDU-003	85	118	0
06	CDU-004	68	79	0
07	CDU-005	60	77	0
08	CDU-006	76	96	0
09	CDU-007	52*	66	0
10	CDU-008	84	97	0
11	CDU-009	88	106	0
12	CDU-010	86	102	0
13	CDU-011	88	112	0
14	CDU-012	77	88	0
15	CDU-013	96	127	0
16	CDU-014	77	109	0
17	CDU-015	80	97	0
18	CDU-016	61	71	0
19	CDU-017	91	119	0
20	CDU-018	81	91	0
21	CDU-019	75	78	0
22	CDU-020	94	142	0
23	LCS798	78	69	0
24	PB798	79	80	0
25				
26				
27				
28				
29				
30				

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
 * Values outside of QC limits
 D Surrogate diluted out

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDV-001	92	85	0
02	CDV-001MS	100	104	0
03	CDV-001MSD	100	88	0
04	CDV-002	96	105	0
05	CDV-003	99	104	0
06	CDV-004	87	120	0
07	CDV-005	85	94	0
08	CDV-006	91	98	0
09	CDV-007	92	104	0
10	CDV-008	87	103	0
11	CDV-009	80	74	0
12	CDV-010	88	81	0
13	CDV-011	79	84	0
14	CDV-012	80	87	0
15	CDV-013	73	107	0
16	CDV-014	89	107	0
17	CDV-015	94	106	0
18	CDV-016	79	84	0
19	CDV-017	94	91	0
20	CDV-018	97	96	0
21	CDV-019	99	102	0
22	CDV-020	96	104	0
23	CDV-021	82	145	0
24	CDV-021MS	79	183*	1
25	CDV-021MSD	82	138	0
26	CDV-022	100	0*	1
27	CDV-023	83	132	0
28	PB799	95	89	0
29	LCS799	99	94	0
30	PB801	96	94	0
31	LCS801	95	96	0
32	PB803	93	87	0
33	LCS803	97	93	0

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)

DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

GC Column(1): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDW-001	131	115	0
02	CDW-001MS	124	128	0
03	CDW-001MSD	128	121	0
04	CDW-002	115	95	0
05	CDW-003	113	126	0
06	CDW-004	78	188*	1
07	CDW-005	81	171*	1
08	CDW-006	80	88	0
09	CDW-007	78	75	0
10	CDW-008	133	131	0
11	CDW-009	66	90	0
12	CDW-010	71	112	0
13	CDW-011	90	111	0
14	CDW-012	82	102	0
15	CDW-013	95	114	0
16	CDW-014	130	118	0
17	CDW-015	96	136	0
18	CDW-016	78	128	0
19	CDW-017	85	152*	1
20	CDW-018	90	161*	1
21	CDW-019	135	162*	1
22	CDW-020	86	100	0
23	CDW-021	84	151*	1
24	CDW-021MS	71	127	0
25	CDW-021MSD	91	156*	1
26	CDW-022	129	125	0
27	PB801	96	94	0
28	LCS801	95	96	0
29	PB802	91	86	0
30	LCS802	92	90	0

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

2F
SW-846 SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	CDX-001	60	84	0
02	CDX-001MS	68	93	0
03	CDX-001MSD	65	98	0
04	CDX-002	60	74	0
05	CDX-003	62	99	0
06	CDX-004	68	98	0
07	CDX-005	70	208*	1
08	CDX-006	65	107	0
09	CDX-007	69	100	0
10	CDX-008	51*	112	1
11	CDX-009	68	86	0
12	CDX-010	74	86	0
13	CDX-011	65	80	0
14	CDX-012	102	86	0
15	CDX-013	73	360*	1
16	CDX-014	57*	93	1
17	CDX-015	63	265*	1
18	CDX-016	87	93	0
19	CDX-017	51	276*	1
20	CDX-018	77	85	0
21	CDX-019	72	92	0
22	CDX-020	57*	74	1
23	CDX-021	64	88	0
24	CDX-022	72	97	0
25	CDX-022MS	61	92	0
26	CDX-022MSD	71	96	0
27	CDX-023	74	90	0
28	LCS802	51*	96	1
29	LCS803	58*	92	1
30	LCS804	52*	100	1
31	PB802	56*	89	1
32	PB803	50*	86	1
33	PB804	47*	92	1

ADVISORY
QC LIMITS

TCX = Tetrachloro-m-xylene (60-150)
DCB = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

2E
SW-846 WATER PESTICIDE SURROGATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

	CLIENT SAMPLE NO.	TCX 1 %REC #	DCB 2 %REC #	TOT OUT
01	PB805	42*	80	1
02	RB-2	36*	84	1
03				
04				
05				
06				
07				
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09				
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29				
30				

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

ADVISORY
QC LIMITS
(60-150)
(60-150)

Column to be used to flag recovery values
 * Values outside of QC limits
 D Surrogate diluted out

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDU-001

Matrix Spike - Client Sample No.: CDU-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	420	3000	5600	619*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	420	8400	1317*	8-127

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix Spike - Client Sample No.: CDV-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	390	0.0	0.0	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	390	0.0	0*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDV-001

Matrix Spike - Client Sample No.: CDV-021

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	430	2600	3200	140*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	430	2600	0*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-001

Matrix Spike - Client Sample No.: CDW-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	380	3800	3800	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	380	3900	26	8-127

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

Spike Recovery: 1 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDW-021

Matrix Spike - Client Sample No.: CDW-021

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	460	6200	6000	0*	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	460	7900	370*	8-127

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 2 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-001

Matrix Spike - Client Sample No.: CDX-001

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	410	690	950	63	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	410	1000	76	8-127

Column to be used to flag recovery values with an asterisk
 * Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS:

3F
SW-846 SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: INDUSTRIAL & ENVIRONMENTAL ANALYSTS

Lab Code: IEA Case No.: RFP#2523 Method: 8082 SDG No.: CDX-022

Matrix Spike - Client Sample No.: CDX-022

Matrix Spike Recovery

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1254	420	830	1200	88	8-127

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	QC LIMITS REC.
Aroclor-1254	420	1200	88	8-127

Column to be used to flag recovery values with an asterisk
 * Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS:



END OF DATA PACKAGE